

**SYSTEM AND METHOD TO VERIFY TRUSTED STATUS  
OF PEER IN A PEER-TO-PEER NETWORK  
ENVIRONMENT**

**ABSTRACT OF THE DISCLOSURE**

5           A system and method for verifying that a peer is a trusted peer using signed  
receipts in a peer-to-peer network environment are disclosed. The method generally  
comprises broadcasting a request over the network by a requesting peer for a task with  
respect to a remote non-local backend server, receiving a response to the request from the  
service-providing server, verifying a digital certificate of the response issued by the  
10   remote non-local backend server indicating that the responding service-providing server  
is trusted for the requested task, and forwarding the task to a local alias URL of the  
responding peer for performance of the task by the responding server if the verifying is  
successful. The digital certificate may be a 1024-bit VeriSign digital certificate. The  
verifying ensures that the local alias URL is approved by the non-local backend server for  
15   the requested task.